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Franklin D. Barker, associate professor of zoology in the University of Nebraska.

George A. Bates, professor of histology, Tufts College Medical School.

Henry B. Bigelow, assistant in the Museum of Comparative Zoology, Harvard University.

Margaret H. Cook, instructor in zoology, Wellesley College.

Ulric Dahlgren, professor of biology, Princeton University.

Charles H. Danforth, instructor in anatomy, Washington University.

Vincent Gregg, preparator in histology, Princeton University.

Robert W. Hall, professor of biology, Lehigh University.

Duncan S. Johnson, professor of botany, Johns Hopkins University.

W. O. Redman King, demonstrator in zoology, University of Leeds, England.

J. S. Kingsley, professor of zoology, Tufts College.

F. D. Lambert, associate professor of biology, Tufts College.

H. V. Neal, professor of biology, Knox College.

H. D. Senior, professor of anatomy, University and Bellevue Medical College.

L. E. Thacher, student, Tufts College.

Caroline B. Thompson, associate professor of zoology, Wellesley College.

Hardolph Wasteneys, assistant, Rockefeller Institute for Medical Research.

6 o'clock, and in the evening he delivered a lecture, under the joint auspices of the garden and the department of botany of the Brooklyn Institute of Arts and Sciences, on "Plant Breeding in the Botanic Garden of Amsterdam."

DR. GEORGE SANTAYANA, professor of philosophy at Harvard University, has resigned.

MR. A. WENDELL JACKSON, who has arranged a loan of \$50,000,000 to China, in opposition to the offers of the financiers of the six great powers, is a mining engineer who was formerly professor of mineralogy and economic geology at the University of California. He is a fellow of the American Association for the Advancement of Science and a fellow of the Geological Society of America.

DR. JEAN MASCART, of the Observatory at Paris, has been appointed director of the Observatory at Lyons, as successor to M. André.

DEAN MILO S. KETCHUM, of the College of Engineering of the University of Colorado, was recently elected president of the Colorado Association of Members of the American Society of Civil Engineers.

At the meeting of the Missouri Section of the American Chemical Society, held Friday evening, July 26, in the chemistry lecture room, University of Missouri, Mr. N. W. Arthur, research chemist of the General Electric Co., Schenectady, N. Y., spoke on a new electric furnace and new electric furnace products as SiO-monax and monas.

DR. W. J. G. LAND, of the botanical staff of the University of Chicago, sailed from San Francisco on August 27, for a trip of four months in the Hawaiian, Samoan, Fiji and Tonga Islands, with probably an extension through the New Hebrides to Australia. The chief purpose of the trip is to investigate the bryophytic flora and to secure critical material of it for morphological study. Incidentally, research material in other groups also will be secured.

MR. AND MRS. C. WILLIAM BEEBE have returned from a three months' trip to Europe in the course of which the pheasants in the

SCIENTIFIC NOTES AND NEWS

SIR W. H. WHITE has been elected president of the British Association for the Advancement of Science for the meeting to be held next year in Birmingham.

FORDHAM UNIVERSITY has conferred the honorary degree of LL.D. on Drs. Henry Head, of London, Carl Jung, of Zurich, Nicolas Achucarro, of Madrid, and H. R. Storer, of Newport, R. I.

ON Thursday afternoon, September 12, 1912, at the Brooklyn Botanic Garden, a sweet gum tree (*Liquidambar Styraciflua*) was planted in the local flora section of the garden, by Professor Hugo de Vries, of Amsterdam. About one hundred invited guests were present at the exercises. A dinner was given in Professor de Vries's honor at

museums of London, Tring, Paris and Berlin were studied. The large series thus passed in review provided data for many generalizations hitherto impossible. A summary of the results will soon be published, the details of the work being reserved for the monograph on which Mr. Beebe is engaged, to be published under the auspices of the New York Zoological Society.

DR. F. R. WATSON, of the department of physics of the University of Illinois, has returned after a year's leave of absence. The year was spent almost entirely in Germany, where the universities of Berlin and Munich were attended, and special work was done in the subject of acoustics.

PROFESSOR WILLISTON S. HOUGH, dean of the Teachers College and professor of philosophy at the George Washington University, Washington, D. C., died suddenly on September 18 at the age of fifty-two years.

DR. JOHN WADE, reader in chemistry in the University of London, known for his work in organic chemistry, was killed by a bicycling accident on August 15, aged forty-eight years.

M. LOUIS ORIE, professor of botany at Caen, has died, aged sixty-two years.

THE death is announced of Dr. Rudolf Hörnes, professor of geology at Graz, and distinguished for his work on earthquakes.

PROFESSOR HERMAN F. WIEBE, of the State Institute of Physics and Technology at Hamburg, died at the age of sixty years in New York City, where he had come to attend the International Congress for Testing Materials.

THE International Congress of Mathematicians recently meeting at Cambridge adjourned to meet in Stockholm in 1916.

THE fourteenth meeting of the Australasian Association for the Advancement of Science will be held in Melbourne in January, 1913.

THE International Congress on Hygiene and Demography opened on September 21. President Taft, honorary president of the congress, opened its session at 11 o'clock on that morning. The delegates number some 2,800, representing thirty-three foreign governments,

every American state and territory, over 300 American cities; leading colleges and universities here and in Europe, and many scientific, medical and social institutions throughout the world. In addition, many eminent visitors are in attendance. The congress is divided into eleven sections and four general sessions have been arranged. Dr. Henry P. Walcott, chairman of the State Board of Health of Massachusetts, is president of the congress. The presidents of the sections are as follows:

Professor Theobald Smith, Harvard Medical School, Boston, Hygienic Microbiology.

Dr. Russell H. Chittenden, professor of physiology and chemistry and director of the Sheffield Scientific School of Yale, Dietetic Hygiene.

Dr. A. Jacobi, New York City, president of the American Medical Association, The Hygiene of Infancy.

Dr. Lewellys F. Barker, professor of internal medicine of Johns Hopkins University, Mental Hygiene.

Dr. George M. Kober, professor of hygiene at Georgetown University, The Hygiene of Occupations.

Dr. Hermann M. Biggs, medical director of the department of health, New York City, The Control of Infectious Diseases.

Dr. Frank F. Westbrook, professor of pathology and bacteriology of the University of Minnesota, State and Municipal Hygiene.

Dr. Prince A. Morrow, New York City, Sex Hygiene.

Dr. Rupert Blue, Surgeon General of the United States Public Health Service, The Hygiene of Traffic and Transportation.

Dr. Henry G. Beyer, U. S. N., Military, Naval, Tropical and Colonial Hygiene.

Professor Walter F. Willecox, president of the American Statistical Association, Cornell University, Demography.

DR. W. S. BRUCE, the Scottish explorer, has arrived at his home near Edinburgh, from his surveying expedition with Dr. R. N. R. Brown in Spitzbergen. According to the London *Times* the explorers have made a detailed topographical survey of the region traversed by them and a general geological investigation. They traveled from Bjona Haven to Advent Bay by a new route over land in which, so far as is known, reindeer,

ptarmigan and other game used to abound. In the whole journey of nearly 60 miles, however, not a ptarmigan, fox or reindeer, except skeletons and rotting carcasses, was seen. Dr. Bruce strongly condemns the wholesale extermination of animal life carried out in Spitzbergen, not only by gun and trap but by poison. Norwegian hunters, he says, habitually put down poisoned bait for bears, foxes and other animals, and he holds that strict measures should be taken to protect the fauna of Spitzbergen, which at present is being rapidly and ruthlessly destroyed. A great development of the coal mines, chiefly under the auspices of American capital and enterprise, and of other mining activities financed by British capital, was observed. There is activity also on the part of the Norwegians, who are developing means of communication by post and wireless telegraphy.

THE Colorado Geological Survey has had three parties in the field during the summer of 1912. One party, under the direction of Assistant Professor Ralph D. Crawford and Mr. Philip G. Worcester, has continued the work begun last season in the Goldbrick district. A second party, under the direction of Professor H. B. Patton, of the Colorado School of Mines, has spent the summer in the Bonanza Mining district near Villa Grove. A third party, directed by Dr. George I. Finlay, of Colorado College, has been at work on an investigation of the water resources of the Arkansas Valley region.

CHARLES RICHMOND HENDERSON, head of the department of practical sociology in the University of Chicago, has been given leave of absence by the university trustees during the autumn quarter of 1912 and the winter quarter of 1913, to act as the Barrows lecturer in India. The Barrows lectures are given every three years in the principal cities of India, on the foundation established by Mrs. Caroline E. Haskell. The general purpose of the lectureship is to consider the relation of Christianity to other religions. Professor Henderson will lecture in some of the cities of Japan and China on his return to

this country. His predecessor on the Barrows Foundation was Charles Cuthbert Hall, former president of Union Theological Seminary, New York. Professor Henderson's lectures in India will be issued in book form by the University of Chicago Press.

UNIVERSITY AND EDUCATIONAL NEWS

At the September meeting of the Yale Corporation it was announced that since the last meeting three wills have been filed for probate from which the university should receive during the year about \$750,000. These include \$250,000, unrestricted, by bequest of Matthew C. D. Borden, Yale, 1864; \$25,000 from Cyprian Brainerd, of the class of 1850, for the use of the medical department, with ultimately an additional \$40,000 after the death of certain beneficiaries, and the McPherson fund of between \$400,000 and \$500,000, "to be employed in assisting worthy indigent students." This bequest is due to the death of Aaron S. Baldwin, executor of the will of the widow of Senator McPherson, of New Jersey. Mrs. McPherson's will provided for this bequest. Announcement was also made that \$10,000 had been received from the Misses Kingsbury as a history publication fund in memory of the late Frederick John Kingsbury, of Waterbury, for many years a member of the Yale Corporation; also \$5,000 from Mrs. Arthur Ryerson, widow of the late Arthur Ryerson, Yale, 1871, to establish the Arthur Larned Ryerson scholarship in Yale College in memory of her son; also \$3,000 from Francis D. Hurtt, 1907, Law School, to establish the Sarah Ives Hurtt scholarship in the Law School.

PROFESSOR WILLIAM D. HARKINS has removed from the University of Montana to the University of Chicago, where he will have charge of the research work in general chemistry, and will give courses in inorganic and general chemistry. His position as professor of chemistry in the University of Montana has been given to Dr. R. H. Jesse, instructor in chemistry in the University of Illinois. Mr. W. G. Bateman, former professor of chemistry in the Imperial Chinese University,